



B O R O U G H O F A B E R Y S T W Y T H

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT 1966

MEDICAL OFFICER OF HEALTH:

Jos. R. Jones, B.Sc., M.B., B.Ch., D.R.C.O.G., D.P.H. - until April 1966
W. J. St. E-G. Rhys, M.A., M.B., B.S., B.Sc., M.R.C.O.G., D.P.H. - from
October, 1966

CHIEF PUBLIC HEALTH INSPECTOR:

O. R. N. Hoskins, F.R.S.H.

ADDITIONAL PUBLIC HEALTH INSPECTOR:

D. M. Lewis, C.R.S.H.

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ABERYSTWYTH BOROUGH COUNCIL

Mayor of Aberystwyth

Councillor E. W. Roberts

Committees dealing with Health matters

<u>Committee</u>	<u>Chairman</u>	<u>Members</u>
Health and Housing Committee,	Councillor M. Jones	All Members of the Council
Housing Sub- Committee	Councillor M. Jones	Ten Members
Public Works Committee	Councillor J. C. Edwards	All Members of the Council

Clerk: W. Philip Davies, Esq., Ll.B.,
Town Hall,
Queen's Road,
ABERYSTWYTH.

Tel. No. Aberystwyth 7911

To the Mayor, Aldermen and Members of
Aberystwyth Borough Council.

PREFACE

I have pleasure in presenting the Annual Report of the Public Health Department for the year which ended on the 31 December, 1966.

I was happy to commence duties as your Medical Officer of Health during the last quarter of 1966.

The number of live births registered during 1966 was one hundred and thirty six, representing an increase of ten over the figure for the previous year. There were two registered still-births, but no child died before reaching the first birthday. No woman died as a result of pregnancy, childbirth or abortion.

The number of registered deaths was one hundred and sixty, an increase of twenty over the figure for the previous year. Sixty people died of heart disease, twenty eight of cancer and twenty four of 'stroke'.

There was an epidemic of measles during 1966. Four new cases of tuberculosis were notified and one person died of the disease.

A more detailed account of the work of the Public Health Department, including a portion by the Chief Public Health Inspector, will be found in the following pages.

At Faer, Henaduriaid ac Aelodau o
Gyngor Bwrdeisdref Aberystwyth.

RHAGAIR

Pleser imi yw cyflwyno Adroddiad Blynyddol yr Adran Iechyd
Cyhoeddus am y flwyddyn a orffenodd ar 31 Rhagfyr, 1966.

Pleser oedd imi ddechrau gwaith fel eich Syddog Meddygol.
yn y chwarter olaf yn 1966.

Cafodd cant tri deg a chwech a anwyd yn fyw eu cofrestru yn
ystod y flwyddyn, yn cynrychioli ychwaneg o ddeg dros y rhif am y
flwyddyn cynt. Cofrestrwyd dau yn farw-anedig ond mae yn bleser i
nodi na chofrestrwyd un marwolaeth baban yn ystod 1966 cyn ei fod
yn flwydd oed. Ni bu farw un fenyw am ei bod yn feichiog, na wrth
eni plentyn neu wrth erthylu.

Cofrestrwyd cant-chwe-deg o farwolaethau, dengys hyn ~~u~~gain
yn rhagor ar y rhif am y flwyddyn cynt. Bu farw trigain o glefyd
y galon, wyth-ar-hugain o'r cancr a phedwar-ar-hugain o'r stroc.

Bu haint o'r frech goch yn ystod y flwyddyn. Nodwyd ~~pedwar~~
digwyddiad newydd o'r ddarfodedigaeth, a bu farw un person o'r
clefyd yma.

Rhoddir cyfrif manylach o waith yr Adran Iechyd Cyhoeddus,
yn cynnwys rhan a baratowyd gan y Prif Archwiliwr Iechyd Cyhoeddus,
yn y tudalennau canlynol.

VITAL STATISTICS

											<u>1964</u>	<u>1965</u>	<u>1966</u>
1.	<u>LIVEBIRTHS</u>												
	Total	..	..	..	..	..	..	..	..	..	143	126	136
									Leg:	..	134	118	125
									Illeg:	..	9	8	11
	Rate per 1,000 population (crude)	..	..	..	..	..	..	..			14.4	12.7	13.6
	Rate per 1,000 population (adjusted)	..	..	..	..	..	..	..			12.4	12.2	13.1
	Rate per 1,000 population England and Wales	..	..	..	..	..	..	..			18.5	18.1	17.7
	Illegitimate live births per cent of total live births										6.3	6.3	8.1
2.	<u>STILLBIRTHS</u>												
	Total	..	..	..	..	..	..	..	..	..	2	3	2
									Leg:	..	2	3	2
									Illeg:	..	0	0	0
	Rate per 1,000 live and stillbirths	..	..	..	..	..	..	..			13.8	23.3	14.5
	Rate per 1,000 live and stillbirths England and Wales	..	..	..	..	..	..	..			16.3	15.8	15.4
3.	<u>TOTAL LIVE AND STILLBIRTHS</u>	..	..	..	..	..	..	..			145	129	138
4.	<u>PERI-NATAL DEATHS</u> (Stillbirths plus early neo-natal deaths)												
	Total	..	..	..	..	..	..	..	..	..	3	5	2
									Leg:	..	3	5	2
									Illeg:	..	0	0	0
	Rate per 1,000 total live and stillbirths	..	..	..	..	..	..	..			20.7	38.8	14.5
5.	<u>EARLY NEO-NATAL DEATHS</u> (deaths under one week)												
	Total	..	..	..	..	..	..	..	..	..	1	2	0
									Leg:	..	1	2	0
									Illeg:	..	0	0	0
	Rate per 1,000 total live births	..	..	..	..	..	..	..			7.0	15.9	0
6.	<u>NEO-NATAL DEATHS</u> (deaths under four weeks)												
	Total	..	..	..	..	..	..	..	..	..	1	3	0
									Leg:	..	1	2	0
									Illeg:	..	0	1	0
	Rate per 1,000 total live births	..	..	..	..	..	..	..			7.0	23.8	0

	<u>1964</u>	<u>1965</u>	<u>1966</u>
7. <u>INFANT DEATHS</u> (total deaths under one year)			
Total	1	4	0
Leg:	1	3	0
Illeg:	0	1	0
Rate per 1,000 total live births	7.0	31.7	0
Legitimate infant deaths per 1,000 legitimate live births	7.5	25.4	0
Illegitimate infant deaths per 1,000 illegitimate live births	0	125	0
8. <u>MATERNAL DEATHS</u> (including abortion)			
Number of deaths	0	0	0
Rate per 1,000 total live and stillbirths	0	0	0

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DEATHS

Total	145	140	160
Rate per 1,000 population (crude)	14.5	14.1	16.0
Rate per 1,000 population (adjusted)	12.6	12.7	14.2
Rate per 1,000 population England and Wales	11.3	11.5	11.7

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POPULATION STATISTICS

Area (in acres)	1,141
Population (Census 1961)	10.427
Population (Registrar General's Estimated Mid-Year Population for 1966)	9,990

Area comparability factor for births	0.96
Area comparability factor for deaths	0.89

CAUSES OF DEATH

<u>Registrar General's Code Number</u>		<u>Number of deaths</u>		
	<u>Causes of death</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
1	Tuberculosis, respiratory	1	-	1
2	Tuberculosis, other	-	-	-
3	Syphilitic disease	-	-	-
4	Diphtheria	-	-	-
5	Whooping Cough	-	-	-
6	Meningococcal infections	-	-	-
7	Acute poliomyelitis	-	-	-
8	Measles	-	-	-
9	Other infective and parasitic diseases	-	-	-
10	Malignant neoplasm, stomach	2	1	3
11	Malignant neoplasm, lung, bronchus	6	-	6
12	Malignant neoplasm, breast	-	1	1
13	Malignant neoplasm, uterus	-	2	2
14	Other malignant and lymphatic neoplasms	8	8	16
15	Leukaemia, aleukaemia	-	-	-
16	Diabetes	-	1	1
17	Vascular lesions of nervous system	8	16	24
18	Coronary disease, angina	13	13	26
19	Hypertension with heart disease	1	3	4
20	Other heart disease	11	19	30
21	Other circulatory disease	2	3	5
22	Influenza	-	-	-
23	Pneumonia	6	6	12
24	Bronchitis	4	4	8
25	Other diseases of respiratory system	1	-	1
26	Ulcer of stomach and duodenum	-	-	-
27	Gastritis, enteritis and diarrhoea	-	-	-
28	Nephritis and nephrosis	-	3	3
29	Hyperplasia of prostate	-	-	-
30	Pregnancy, childbirth, abortion	-	-	-
31	Congenital malformations	-	-	-
32	Other defined and ill-defined diseases	6	5	11
33	Motor vehicle accidents	2	-	2
34	All other accidents	1	2	3
35	Suicide	-	1	1
36	Homicide and operations of war	-	-	-
TOTAL :		72	88	160

TUBERCULOSIS

The following table shows the sex and age distribution of the new cases notified during the year.

AGE GROUP	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
5 - 14	-	1	-	-
15 - 24	-	-	-	-
25 - 44	-	-	-	-
45 - 64	1	-	-	-
65 +	1	-	-	1
TOTAL:	2	1	0	1

SECTION 47 OF THE NATIONAL ASSISTANCE ACT, 1948

No action was required under this Act.

GENERAL PROVISION OF HEALTH SERVICES

IN THE AREA

These remain essentially the same as in previous years and are under the control of the County Council.

W. J. St. E-G. RHYS
MEDICAL OFFICER OF HEALTH

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

To the Mayor, Chairman of the Health and Housing Committee,
Aldermen and Members of the Aberystwyth Borough Council.

Gentlemen,

I herewith submit my part of the Annual Report for
your consideration.

The amount of inspection and administrative work has
continued to increase and new legislation without sufficient
staff to handle the requirements does not help matters.

I would like to emphasise that the work of the Department
is a team effort and without the willing assistance of my
colleagues the work could not be carried out in the efficient
manner which is expected.

SUMMARY OF GENERAL STATISTICS

Area (in acres)	1,141
Population (Census 1961)	10,427
Rateable Value at 1st April 1966	£426,860
Sum represented by a penny rate 1966/67	£1,625
Estimated sum to be obtained by a penny rate 1966/67	£1,755

Number of various premises at 1st April 1967Domestic

Houses and Flats (other than Agricultural Dwelling Houses) ..	2,917
Agricultural Dwelling Houses	3

Commercial

Shops with Private Dwelling Accommodation	110
Shops (including Banks in shopping areas) and Cafes	156
Offices (including Banks in office areas)	82
Public Houses (including Beerhouses)	22
Hotels and Boarding Houses	30
Holiday Camps and Caravan Fields	1
Warehouses, Stores and Workshops	103
Garages (Commercial) Petrol Filling Stations and Car Parks ..	26
Lock-up Garages	330
Markets	2
Advertising Stations and Signs	15
Factories, Mills and premises of a similar character	11

Entertainment and Recreational

Cinemas	3
Sports and Recreation Grounds, Golf Courses	5
Social Clubs, Community Centres and Public Halls	20
Other places of entertainment and recreation	3

Public Utility

Water, Gas, Electricity, etc.	4
Transport (including depots)	4

Educational and Cultural

Libraries, Museums	2
Schools and Colleges (Local Authority)	6
Schools and Colleges (Non-Local Authority)	3
University Colleges	4

Miscellaneous

[illegible]

Enforcement

Complaints received	172
Complaints not justified	7
Matters referred to other Departments	111
Preliminary Notices served	27
Informal Notices complied	19
Number of houses which on inspection were considered to be unfit for human habitation	5
Number of formal notices served requiring the execution of works under Public Health Acts	10
Number of houses which were rendered fit after service of formal notices under Public Health Acts	7
Number of Closing Orders made	1
Number of Closing Orders on part of building made	2
Number of houses inspected (Public Health Act and Housing Act)	65
Number of houses re-inspected (Public Health Act and Housing Act)	123

Inspections

Food premises

Milk Regulations, Dairies, Milkshop and Purveyors	28
Ice-cream premises and vehicles (inspection & sampling) ..	65
Restaurant and food preparing premises	57
Butchers	32
Bakehouses	5
Greengrocers and Fishmongers	20
Railway Depot re food	3
Food vehicles	4
Food inspection visits	206
General inspections	85

Food Hygiene Regulations

Premises inspected and re-inspected	78
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Pests Act, 1949

Premises surveyed, inspected and re-inspected	654
Premises treated and re-treated	573
Block control schemes carried out	..	..	..	5

Tents, Vans and Sheds

Holiday Camp visits	..	..	..	..	..	..	..	..	6
Caravan visits	..	..	..	..	..	..	..	..	5

Offices, Shops and Railway Premises Act

General inspections	..	..	..	..	..	..	..	..	35
Accidents investigated	14

Building Regulations

Public health perusals of plans
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WORK EXECUTEDPremises

Dirty or verminous conditions remedied	2
Nuisances, including noise, from animals or birds abated	1			
Yard paving provided, renewed or repaired	..	..	..	..	7	
Chimneys repaired	..	..	..	..	..	2
Roofs renewed or repaired	..	..	..	..	..	12
Accumulations removed	..	..	..	..	..	21
Chutes, downpipes or gutters renewed or repaired	..	..	..	7		
Dampness remedied	..	..	..	..	..	18
Walls repaired	..	..	..	..	..	2
Inside plastering repaired	..	..	..	..	..	2
Ceilings repaired	..	..	..	..	..	3
Window sashes or frames renewed or repaired	..	..	..	..	17	
Doors or frames renewed or repaired	..	..	..	..	8	
Floors repaired or renewed	..	..	..	..	5	
Under floor ventilators provided	..	..	..	..	2	

Premises (cont'd)

Staircases repaired	2
Fireplaces repaired or renewed	15
Rooms, passages and staircases redecorated	19
Cookers repaired, renewed or provided	2
Boundary fences repaired	22

Drainage

Drains inspected	60
Drains tested, Water	14
Drains tested, Smoke	3
Drains re-laid or repaired	29
Drains cleansed	23
Inspection chambers repaired	14
Soil pipes or vent shafts fixed or repaired	4
Waste pipes provided or repaired	4
Sinks provided, renewed or repaired	10
Lavatory basins, renewed or repaired	2
Lavatory basins provided	4
Baths renewed or repaired	6
Gullies provided, replaced or repaired	14
Draining boards provided	6

Water Closets

W.C.'s reconstructed or repaired	5
Pans provided or repaired	6
Miscellaneous repairs	34

Services

Water pipes renewed or repaired	3
Hot water systems provided	2
Hot water systems renewed or repaired	2
Taps repaired or renewed	3

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Factories

Power :-	Bakehouses	5
	Laundries	10
	Miscellaneous	13
Non-Power :-	Miscellaneous	3

Other classifications

Number of Council dwellings visited and re-visited	..	..	..	..	..	..	..	..	..	358
Number of visits re housing applications	..	..	..	..	..	..	..	..	..	114
Visits for infectious disease and food poisoning	..	..	..	..	..	..	..	..	..	37
Visits for long-stay immigrants	..	..	..	..	..	..	..	..	..	7
Disinfectious	..	..	..	..	..	..	..	..	..	3
Owners or Contractors interviewed	..	..	..	..	..	..	..	..	..	52
Cinemas and Amusement Places	..	..	..	..	..	..	..	..	..	10
Public Houses and Licensed Premises	..	..	..	..	..	..	..	..	..	63
Water supply and sampling visits	..	..	..	..	..	..	..	..	..	144
Refuse Tips	..	..	..	..	..	..	..	..	..	22
Accumulations	..	..	..	..	..	..	..	..	..	14
Sewers	..	..	..	..	..	..	..	..	..	408
Drains and drainage	..	..	..	..	..	..	..	..	..	104
Public conveniences	..	..	..	..	..	..	..	..	..	48
Cesspools	..	..	..	..	..	..	..	..	..	9
Flooding	..	..	..	..	..	..	..	..	..	8
Swine, other animals and birds	..	..	..	..	..	..	..	..	..	13
Disinfestations	..	..	..	..	..	..	..	..	..	15
Visits Attested Mart	..	..	..	..	..	..	..	..	..	75
Markets and stalls	..	..	..	..	..	..	..	..	..	12
Visits to Fairs and Showgrounds	..	..	..	..	..	..	..	..	..	10
Swimming Baths and Pools (visits and sampling)	..	..	..	..	..	..	..	..	..	5
Ditches and watercourses	2
Visits Noise Abatement	1
Visits not classified	120

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WATER SUPPLYQuality

The water supply is obtained from the Cardiganshire Water Board and the quality throughout the year was satisfactory.

Quantity

There was no water shortage during the summer months.

Samples.

Sample results were as follows :-

Number of samples taken	=	132
"Satisfactory"	=	130
"Insufficiently Chlorinated"	=	2

The two unsatisfactory samples were retaken immediately and proved to be satisfactory.

Plumbo-solvency

No adverse reports during the year.

Contamination

There has been no evidence of contamination throughout the year.

Supply to dwellings

	<u>Dwellings</u>	<u>Persons</u>
Mains supply direct to dwellings	3,046	9.990

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MILK AND DAIRIES REGULATIONS

There are 32 registered distributors as follows :-

Milk Shops	..	11
Roundsmen only	..	21

The bulk of milk supply in the Borough is obtained from one wholesale dairy and is distributed by retailer roundsmen. The milk obtained from the largest supplier is pasteurised. A small quantity is farm bottled and is not pasteurised. There is also a little milk in cartons and this is slowly increasing as the public is becoming accustomed to packaging.

25 milk samples for *Brucella abortus* were taken, and following the ring test all were reported negative.

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FOOD AND DRUGS ACT, 1955

Food Hygiene (General) Regulations, 1960

Enforcement

Preliminary Notices served to remedy conditions	= 5
Verbal warning to remedy conditions	= 18

Food inspection

Food premises have been inspected and considerable quantities of food inspected, both on the premises and at the office. The quantity of food varies considerably, but it is greater during the summer months when the catering business expands.

Condemnations

Fresh canned and meat products	..	..	2,881 lbs.
Fish, wet	..	..	154 lbs.
Canned and Miscellaneous	..	..	3,354 lbs.
			<hr/>
Total foodstuffs condemned	..	..	6,389 lbs.
			<hr/>

Disposal of condemned foodstuffs

Tin cans are punctured and buried at the refuse tip. Other goods are destroyed by incineration, but this method of destruction is limited as the number of solid fuel boilers is decreasing and no special incinerator is available for the purpose.

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ICE-CREAM

There are 45 registered distributors in the Borough, most of these selling nationally known products in pre-packed form.

47 samples were taken with the following results :-

Grade 1	..	40
Grade 2	..	1
Grade 3	..	5
Grade 4	..	1

The majority of samples were soft ice-cream.

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INTERNATIONAL HEALTH

The International Sanitary Regulations, (World Health Reg: No.2) to which Great Britain is a signatory power, require the certification of international vaccination and inoculation documents for persons living within the Borough and proceeding to overseas destinations. 378 certificates were authenticated in the prescribed manner for this purpose.

Stocks of Cholera and Smallpox Certificates are maintained in the Department and can be authenticated at any time in an emergency.

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FACTORIES ACTS, 1937 - 1961

There are 63 factories registered in the Borough, fifty-nine are power operated and four non-power. Responsibility for the supervision of power operated factories is vested in the Ministry of Labour and National Service, except for the provision of sanitary accommodation. In the non-power factories the Local Authority is responsible for matters concerned with cleanliness, overcrowding, temperature, ventilation, drainage of floors and sanitation.

The Factory Inspector of the Ministry notifies the existence of building operations and works of engineering construction in order that the Council may enforce the requirements of Section 7 of the Act, relating to sanitary conveniences on those sites or places of work, and in this connection three communications were received. It should be noted that the provision of sanitary accommodation for persons employed on building or engineering work, or indeed on any project, is essential.

(See Appendix 1)

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OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

In the brief table below is an indication of the number of premises so far registered and the inspections which have been started.

Premises registered

Offices	97
Retail Shops,	142
Wholesale/Warehouses	11
Catering establishments	35
Fuel Storage depots ..	5
<hr/>	
Total ..	<u>290</u>

Persons employed

Males	,,	715
Females	975

Total	1,690
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General inspections	..	26
Notices Served	23
Accidents investigated		14

Close contact and periodic meetings are held with the Inspector of Factories, and matters of common interest discussed and settled, in this rather complicated Act with many borderline responsibilities.

PESTS ACT, 1949Rats and Mice

Properties other than sewers		Type of property	
		Non-agricultural	Agricultural
1.	Number of properties in district	3,934	3
2.	(a) Total number of properties (including nearby premises) inspected following notification	277	-
	(b) Number infested by :-		
	(i) Rats	216	-
	(ii) Mice	61	-
3.	(a) Total number of properties inspected for rats and/or mice for reasons other than notification	317	-
	(b) Number infested by :-		
	(i) Rats	4	-
	(ii) Mice	4	-
4.	Block inspections carried out	5	-

The sewers were treated once during the year and each manhole was inspected, pre-baited and poisoned. There are three hundred and eighty manholes known to exist.

Disinfestation - Vermin

Treatment was carried out in thirteen business and domestic premises for infestation by fleas, beetles and ants. Charges were made and advice was given where necessary.

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DISINFECTION

A steam disinfecter is owned by the Council and sited in the Council Yard.

A disinfection was carried out in one case for infectious disease.

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REFUSE COLLECTION AND DISPOSAL

Refuse collection, together with salvage and disposal, is under the control of the Borough Surveyor. Domestic and trade refuse are normally collected once weekly and in certain cases more frequent collections are arranged.

The refuse is tipped at Felinymore and soil from the site is used for covering.

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HOUSING

Private construction accounted for ten dwellings, and no new Council dwellings were completed. The housing demand shows a decrease on the previous year from 341 to 316 applications. There were 84 new applications compared with 89 in the previous year, and arising from these new applications accommodation is required for 158 persons.

Some 34 new lettings were effected from the Housing List, accommodation being provided for 120 persons. Transfers were arranged for 12 families, comprising 40 persons, in pursuance of the maximum use of housing accommodation. 172 persons in all were thus provided with housing accommodation during the year.

Applicants with :-	0	1	2	3	4 or more children
Total	157	96	43	12	8
Percentage of total	49.7 %	30.4 %	13.6 %	3.8 %	2.5 %

Requirements

As at 1st January	1964	1965	1966	1967
2 bm: dwellings	79.5%	80.6%	76.2%	80.1%
3 bm: dwellings	14.2%	13.4%	16.7%	13.6%
4 bm: dwellings	6.3%	6.0%	7.1%	6.3%

The outstanding shortage of accommodation has been for elderly persons requiring one or two bedroom accommodation, particularly in the town area, as the more hilly parts of Penparcau are considered to be difficult by many elderly persons.

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CAMPING AND CARAVAN SITES

The holiday camp established within the Borough is quite well organised and the owners have been very co-operative whenever asked for help or assistance.

There are no other private authorised sites in the Borough,

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LICENSED VICTUALLING AND CLUBS

The improvements in licensed premises and clubs continued and further alterations are being planned in several premises.

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SEWERAGE AND SEWERAGE DISPOSAL

Thirty-seven dwellings are not connected to the public sewers.

The co-operation of the Aberaeron Rural District Council, who permit their special vehicle to empty cesspools in the Borough on a repayment basis, is acknowledged and it provides a very necessary facility.

O. R. N. HOSKINS
Chief Public Health Inspector

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

REPORT OF THE
COMMISSION ON THE ORGANIZATION
OF THE DEPARTMENT OF CHEMISTRY

PRESENTED TO THE FACULTY OF THE
DIVISION OF THE PHYSICAL SCIENCES
AT THE MEETING OF THE FACULTY
HOLDING AT CHICAGO, ILLINOIS, MAY 1964

BY THE
COMMISSION ON THE ORGANIZATION
OF THE DEPARTMENT OF CHEMISTRY

APPENDIX 1.

PREScribed PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACTS, 1937-1961

Part I of the Act

Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	4	3	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	59	28	-	-
iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises).	-	-	-	-
Total	63	31	-	-

Cases in which defects were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H. M. Inspector	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.3)	-	-	-	-	-
Ineffective drainage of floors (S.6)	2	2	-	-	-
Sanitary Conveniences (S.7)					
a) Insufficient	1	1	-	-	-
b) Unsuitable or defective	4	4	-	-	-
c) Not separate for sexes	1	1 &	-	-	-
Other offences against the Act (not including offences relating to Outworkers)	-	-	-	-	-
Total	9	9	-	-	-

